OVERLAND PASS PIPELINE PICEANCE LATERAL

APPENDIX 11

TRANSPORTATION MANAGEMENT PLAN

PREPARED FOR:
BUREAU OF LAND MANAGEMENT

PREPARED BY:
CH2M HILL TRIGON, INC.
34 VAN GORDON STREET, SUITE 200
LAKEWOOD, COLORADO 80228



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Attachment 1 Access Roads and Road Crossings

Attachment 2 Access Road Maps



1.0 INTRODUCTION

This Transportation Management Plan (Plan) describes measures to be taken by Overland Pass Pipeline Company LLC (OPPC) and its contractors (Contractor) to access the right-of-way (ROW) and maintain public access around construction areas. The Plan also describes pipeline construction procedures for road crossings.

Measures identified in this Plan apply to work within the project area defined as the ROW, access roads, temporary use areas, and other areas used during construction of the project.

OPPC and Contractor personnel are to be thoroughly familiar with this Plan and its contents prior to initiating construction on the project.

1.1 Purpose

The purpose of this Plan is to provide project personnel and agencies with a description of the access and transportation related activities associated with construction. The management practices and activities in this Plan are intended to minimize transportation-related impacts. This Plan was developed as the implementing document for relevant mitigation measures contained in the Environmental Assessment.

2.0 RESPONSIBILITIES

2.1 OPPC

OPPC will ensure that project personnel understand the requirements for travel to and from the right-of-way on approved access roads as discussed below in Section 3.0.

2.2 Contractor

The Contractor is responsible for the maintenance on access roads, while ensuring that the stipulations on the use, maintenance, and/or improvements on these roads are met. Depending on ownership, access roads will be maintained in accordance with fee-landowner agreements, BLM requirements/road use permits, county requirements, and/or OPPC directives as appropriate. No damage to the subsurface of surface (dirt or graveled) access roads will be allowed on any BLM road and use of such access road will cease when rutting is greater than six inches for 50 feet on that road.

Where pipeline construction crosses roads, the Contractor will ensure that public access is maintained by providing safe access through or around construction.

The Contractor will return disturbed roads and appurtenances to pre-construction conditions, as requested by the BLM, County, and/or landowner.

3.0 ACCESS TO THE PROJECT RIGHT-OF-WAY

Existing BLM, state, county, and privately owned roads will be used to access the construction right-of-way. No new roads are proposed on Federal lands managed by the BLM. A list of all access roads proposed for use with this project are included in Attachment 1 and depicted in Attachment 2.

All access roads proposed for use during this project have been designated as Class A, B, or C using the following definitions:

Class A – Well maintained roads that need little or no improvements; gravel or paved surface with bar ditches; and all weather road.

Class B – Maintained dirt road with little or no gravel that may not be an all weather road or 4WD only in bad conditions.



Class C – Not maintained 2 track road with grass in the middle.

3.1 Access Roads

3.1.1 Federal, State, and County

OPPC will acquire any required BLM, state, and county road use permits. Contractor will be responsible for following any maintenance or improvement requirements associated with the road use permits. If the acquired permits contradict with the methodologies in this Plan, OPPC will edit the Plan to take into account the conditions of the governing permits.

At this point, OPPC does not anticipate the need to construct new roads across federal lands managed by the BLM. However, should the need arise, OPPC would acquire all the necessary permits, clearances, and authorizations as well as conduct archaeological, paleontological, and biological clearance surveys for the road ROW. If constructed, water bars, culverts ditches and drainage will be constructed of stable materials and maintained to agency. Road embankments will be seeded and mulched as specified in the Biological Resources Protection Plan (Appendix 1).

3.1.2 Private

OPPC will obtain permission for any use of private roads.

3.2 Access Road Maintenance

Improvements to access roads may be needed in some areas to accommodate oversize and heavy construction equipment. In general, roadway improvements will involve the least amount of site disturbance and earthwork necessary to make the roads functional for project use. Road improvements may include grading, straightening, widening, adding drainage controls, adding culverts, cut and fills, and resurfacing. Maintenance will conform to landowner, county and/or BLM requirements. No maintenance or improvements will be allowed on any road not approved for improvements. Maintenance and improvements will be completed in accordance with project requirements. OPPC will ensure that all required cultural surveys and agency authorizations are obtained prior to any surface disturbing activities.

Following the completion of the project, when access roads are no longer needed, roads will be returned to a pre-construction condition or better.

3.2.1 Maintenance

Grading will be the primary method of maintenance on most roads. Roads will be maintained at pre-construction conditions or improved in accordance with permit requirements. Existing roads (gravel or dirt surface) can be graded as necessary, provided there is not disturbance outside the existing roadbed. Two-tracks or non-maintained roads will require cultural resource surveys prior to grading.

3.2.2 Straightening, Widening, Cut and Fill, and Culverts

Due to the size of vehicles that will use access roads, some improvements including straightening, widening, cut and fill, and culvert installation may be required. These improvements will only be accomplished with OPPC approval followed by BLM approval on BLM lands or landowner approval on fee-lands.

OPPC and/or its Contractor will identify areas on an as needed basis where straightening, widening, cut and fill, and/or culverts may be required. These areas will be flagged for field review by BLM or the landowner. No improvements will be made until approval is received and cultural resource surveys are completed.



For those areas where improvements occurred outside of the pre-construction roadway, all areas of new impact will be reclaimed and reseeded using the reclamation techniques and seeding mixes proposed in Appendix 12, Environmental Protection Plan.

Drainage Structures

The following measures will be followed on roads administered by the BLM if the installation of culverts and/or other drainage structures are deemed necessary.

- The holder shall furnish and install culverts of the gauge, materials, diameter(s), and length(s) indicated and approved by the authorized officer. Culverts shall be free of corrosion, dents, or other deleterious conditions. Culverts shall be placed on channel bottoms on firm, uniform beds which have been shaped to accept them and aligned to minimize erosion. Backfill shall be thoroughly compacted. No equipment shall be routed over a culvert until backfill depth is adequate to protect the culverts.
- As directed by the BLM, construction stakes shall be set for each culvert to show location as well as inlet and outlet elevations, diameter, and length.
- As directed by the BLM, the holder shall submit a complete culvert list to reflect the drainage plan for the road. The list shall include, but not be limited to, size(s), lengths, and locations of the culverts.
- The minimum diameter for culverts shall be 18 inches.
- Design of drainage facilities shall include, but not be limited to, design storms, debris, bedload, fish passage, erosion, and floodplain impact.
- The Contractor shall construct low-water crossings in a manner that will prevent any blockage or restriction of the existing channel. Material removed shall be stockpiled for use in rehabilitation of the crossings.
- The Contractor shall design and construct adequate water-control structures at each drainage crossing to prevent excessive erosion along the pipeline and protect the pipeline from the natural erosion process within the drainage.
- All roads and parking areas shall be constructed to provide drainage and minimize erosion.
 Culverts shall be installed if necessary to maintain drainage.

3.3 Wet Weather Access

On BLM roads, a maximum of four inches of rutting for 50 feet will be allowed. Activities on individual roads shall cease when soil or road surfaces become saturated to a depth of four inches unless otherwise approved by the BLM Authorized Officer or field representative. There will be no mud blading of roads. Vehicles may be towed through the mud providing they stay within the original roadway and do not rut deeper than four inches.

3.4 Road Crossings

The proposed project would involve 212 existing road crossings (Attachment 1). Road crossings would be installed using either a boring technique or the open—cut method. All paved roads and those county roads that are heavily used will be crossed by boring or drilling underneath the road. During pipeline construction, little or no disruption of traffic would result at road crossings that are bored or drilled.

The open-cut construction method would be used across lightly-traveled gravel roads and unimproved dirt roads. OPPC would attempt to maintain at least one lane of traffic open with detours around construction, plating over the open portion of the trench, or use other suitable



methods when open cutting a road. However, in a worst-case scenario, this construction method may require the road to be closed for up to 24 hours. In these instances, OPPC would develop a detour for public traffic to bypass the construction area.

At road crossings, OPPC would require the construction contractor to post caution signs on roads, where appropriate, to alert motorists of pipeline construction and warn them of slow traffic. Traffic control measures such as flaggers, warning signs, lights, and barriers would be used during construction to ensure safety and to minimize traffic congestion. Pipe trucks transporting pipe joints and low boys hauling heavy equipment would travel with an escort vehicle that is equipped with flashing yellow caution lights. The construction contractor would use flagmen on paved roads during equipment crossings to ensure safe passage of local traffic

3.5 Controlling Off-Road Vehicle Uses of the ROW

Measures will be provided to control the use of the right-of-way and prevent unauthorized travel along the right-of-way by off-highway vehicles (OHV). Measures may include leaving the right-of-way in a roughened state and scattering vegetative debris across the surface, placing dirt berms, rock, or vegetative barriers at intersections with existing roads, and randomly placing boulders, logs and stumps across the right-of-way to discourage OHV use.

OPPC will coordinate with the BLM and fee-landowners to determine measures to be implemented to control OHV use. On BLM lands, OPPC will redistribute large, woody material salvaged during clearing operations over the portion of the right-of-way from which the trees and brush were originally removed. Woody materials dispersed across the right-of-way will not exceed 5 tons/acre. OPPC will be responsible for purchasing and installing OHV signage developed by the BLM. Efforts to control unauthorized off-road vehicle use will continue throughout the life of the permitted right of way.

4.0 TRANSPORTATION MANAGEMENT PRACTICES

OPPC will acquire the necessary permits for road crossings. Attachment 1 lists the roads crossed by the pipeline route. The Contractor will comply with the permit stipulations including, but not limited to, oversize and overweight restrictions.

4.1 Notifications

The Contractor will be responsible for notifications to the county and state highway departments as needed. The Contractor will notify OPPC at least 48 hours in advance of BLM and private road crossings so that OPPC can notify BLM and private landowners 24 hours in advance of planned road crossings.

4.2 General Construction Methods

4.2.1 Bore

Major roads may be crossed by boring to avoid traffic disruptions. Boring requires the excavation of a pit on each side of the feature. Boring equipment is then placed in the pit. A hole is bored under the road at least as wide as the diameter of the pipe. Once the hole is bored, a prefabricated pipe section will be inserted through the borehole. For long crossings, sections may be welded onto the pipe string just before being pushed through the borehole. There will be little or no disruption to traffic at road or highway crossings that are bored.

4.2.2 Open-Cut

The majority of road crossings will use the open-cut method if approved by the county or BLM. Where open-cut crossings are conducted, the Contractor will detour or control traffic during



construction to minimize delays at these locations. If reasonable delays are not feasible, at least one lane of traffic will be left open. Most open-cut road crossings will be completed within 24 hours. Roads will be maintained in such a way to allow access for emergency vehicles.

4.3 Safety and Traffic Flow Management

The Contractor will begin and end construction activities outside of the average work day as practical, to minimize traffic congestion impacts to the public. The construction yards will be used as the primary parking area for personal vehicles and the majority of construction workers will be transported to the construction right-of-way by crew van, as practical.

Appropriate traffic control signs shall be used any time there is construction within 20 feet of any road, at equipment crossings of improved roads (paved or gravel), and when a high volume of traffic will be entering or existing the ROW/improved road junction. Flag persons, signs, barricades, guard rails, safety fence, and signals shall be placed and maintained at road crossings as required in BLM, state, or county permit stipulations. In the absence of such regulations, OPPC will place signs 500 feet in each direction of a crossing identifying construction or flagmen that are ahead. Flagmen shall be used on each side of the road crossing whenever equipment is working in or crossing over any improved road. Flagmen shall be equipped in compliance with Manual on Uniform Traffic Control Devices (MUTCD).

Posted speed limits will be observed on highways, county roads, BLM roads, and posted private roads.

4.4 Fugitive Dust Control

Fugitive dust will be controlled as described in the Fugitive Dust Control Plan.

Whenever vehicles or equipment will access a paved road directly from the right-of-way, a construction entrance to the paved structure will be used. Construction entrances will be constructed in accordance with permit stipulations. The Contractor will keep paved roadways free of accumulated mud and dirt.

4.5 Erosion Control

Waterbars and other erosion and sedimentation control devices are detailed in the Environmental Protection Plan.



ATTACHMENT 1
ACCESS ROADS



Roads Crossed by the Overland Pass Piceance Basin Lateral Pipeline Project.

Milepost	County	Road Name	Existing Surface	Road Crossing Method	Map Number
1	Rio Blanco	County Road 5	Paved	Bore	5200
3		Private Road	Dirt	Open Cut	5200
4		Private Road	Dirt	Open Cut	5200
5		County Road 3A	Gravel	Bore	5200
5		Private	Dirt	Open Cut	5200
5		Private	Dirt	Open Cut	5200
10		Private	Dirt	Open Cut	5201
12		County Road 22	Gravel	Bore	5202
12		Private	Dirt	Open Cut	5202
13		County Road 127	Gravel	Bore	5202
15		Private	Dirt	Open Cut	5202
15		Private	Dirt	Open Cut	5202
16		County Road 127	Gravel	Bore	5202
16		Private	Dirt	Open Cut	5202
17		Private	Dirt	Open Cut	5202
17		Private	Dirt	Open Cut	5202
17		Private	Dirt	Open Cut	5202
18		Private	Dirt	Open Cut	5203
19		CO Hwy 64	Paved	Bore	5203
21		Private	Dirt	Open Cut	5203
21		Private	Dirt	Open Cut	5203
22		Private	Dirt	Open Cut	5203
22		Private	Dirt	Open Cut	5203
22		Private	Dirt	Open Cut	5203
23		Private	Dirt	Open Cut	5203
24		Private	Dirt	Open Cut	5204
24		Private	Dirt	Open Cut	5204
25		Private	Dirt	Open Cut	5204
26		Private	Dirt	Open Cut	5204
27		Private	Dirt	Open Cut	5204
28		Private	Dirt	Open Cut	5204



28		Private	Dirt	Open Cut	5204
30		Private	Dirt	Open Cut	5205
32		Private	Dirt	Open Cut	5205
33		Private	Dirt	Open Cut	5205
33		Private	Dirt	Open Cut	5205
34		Private	Dirt	Open Cut	5205
35		Private	Dirt	Open Cut	5206
36		Private	Dirt	Open Cut	5206
38	Moffat	Private	Dirt	Open Cut	5206
39		Private	Dirt	Open Cut	5206
39		Private	Dirt	Open Cut	5206
40		Private	Dirt	Open Cut	5206
41		Private	Dirt	Open Cut	5207
43		Moffat County 23	Gravel	Bore	5207
44		Private	Dirt	Open Cut	5207
46		Private	Dirt	Open Cut	5208
46		Moffat County 57	Paved	Bore	5208
47		Private	Dirt	Open Cut	5208
48		Private	Dirt	Open Cut	5208
49		Private	Dirt	Open Cut	5208
49		Private	Dirt	Open Cut	5208
49		Moffat County 57	Paved	Bore	5208
51		Private	Dirt	Open Cut	5208
52		Private	Dirt	Open Cut	5209
52		Private	Dirt	Open Cut	5209
53		Private	Dirt	Open Cut	5209
54		Private	Dirt	Open Cut	5209
54		Private	Dirt	Open Cut	5209
54		Private	Dirt	Open Cut	5209
56		Private	Dirt	Open Cut	5209
56		Private	Dirt	Open Cut	5209
56		Private	Dirt	Open Cut	5209
57		Private	Dirt	Open Cut	5210
58		US Highway 40	Paved	Bore	5210
59		Private	Dirt	Open Cut	5210
60		Private	Dirt	Open Cut	5210



60	Private	Dirt	Open Cut	5210
61	Private	Dirt	Open Cut	5210
61	Private	Dirt	Open Cut	5210
61	Private	Dirt	Open Cut	5210
64	Private	Dirt	Open Cut	5211
64	Private	Dirt	Open Cut	5211
66	Private	Dirt	Open Cut	5211
66	Private	Dirt	Open Cut	5211
67	Private	Dirt	Open Cut	5211
67	Private	Dirt	Open Cut	5211
67	Private	Dirt	Open Cut	5211
67	Private	Dirt	Open Cut	5211
68	Moffat County 58	Dirt	Bore	5212
69	Moffat County 58	Dirt	Bore	5212
70	Moffat County 58	Dirt	Bore	5212
71	Moffat County 8	Gravel	Bore	5212
72	Private	Dirt	Open Cut	5212
73	Moffat County 6	Gravel	Bore	5212
74	Moffat County 44	Gravel	Bore	5213
74	Private	Dirt	Open Cut	5213
74	Private	Dirt	Open Cut	5213
75	Moffat County 50	Gravel	Bore	5213
76	Private	Dirt	Open Cut	5213
77	Private	Dirt	Open Cut	5213
78	Private	Dirt	Open Cut	5213
80	Private	Dirt	Open Cut	5214
81	Private	Dirt	Open Cut	5214
82	Moffat County 42	Gravel	Bore	5214
82	Private	Dirt	Open Cut	5214
83	Private	Dirt	Open Cut	5214
83	Private	Dirt	Open Cut	5214
83	Private	Dirt	Open Cut	5214
84	Private	Dirt	Open Cut	5215
85	Moffat County 7	Paved	Bore	5215
87	Private	Dirt	Open Cut	5215
88	Private	Dirt	Open Cut	5215



88		Private	Dirt	Open Cut	5215
89		Private	Dirt	Open Cut	5215
90		Private	Dirt	Open Cut	5216
90		Private	Dirt	Open Cut	5216
90		Private	Dirt	Open Cut	5216
91		Private	Dirt	Open Cut	5216
92		Moffat County 4	Paved	Bore	5216
93		Private	Dirt	Open Cut	5216
94		Private	Dirt	Open Cut	5216
94		Private	Dirt	Open Cut	5216
95	Sweetwater	Private	Dirt	Open Cut	5216
96		Private	Dirt	Open Cut	5217
97		Private	Dirt	Open Cut	5217
99		Private	Dirt	Open Cut	5217
99		Cherokee Trail Road	Dirt	Open Cut	5217
100		Shell Creek Stock Trail	Dirt	Open Cut	5217
101		Private	Dirt	Open Cut	5218
102		Private	Dirt	Open Cut	5218
103		Private	Dirt	Open Cut	5218
104		Private	Dirt	Open Cut	5218
105		Private	Dirt	Open Cut	5218
106		Private	Dirt	Open Cut	5218
107		Private	Dirt	Open Cut	5219
107		Private	Dirt	Open Cut	5219
107		Private	Dirt	Open Cut	5219
108		Private	Dirt	Open Cut	5219
109		Private	Dirt	Open Cut	5219
110		Private	Dirt	Open Cut	5219
110		Private	Dirt	Open Cut	5219
111		Private	Dirt	Open Cut	5219
112		Private	Dirt	Open Cut	5219
114		Private	Dirt	Open Cut	5220
114		Private	Dirt	Open Cut	5220
116		Private	Dirt	Open Cut	5220
118		Wind Mill Draw Road	Dirt	Open Cut	5221
119		Private	Dirt	Open Cut	5221



124		Private	Dirt	Open Cut	5222
126		Private	Dirt	Open Cut	5222
127		Private	Dirt	Open Cut	5222
128		Private	Dirt	Open Cut	5222
130		Private	Dirt	Open Cut	5223
130		Private	Dirt	Open Cut	5223
131		Private	Dirt	Open Cut	5223
131		Private	Dirt	Open Cut	5223
132		Private	Dirt	Open Cut	5223
132		Private	Dirt	Open Cut	5223
135		Private	Dirt	Open Cut	5223
135		Private	Dirt	Open Cut	5224
136		Private	Dirt	Open Cut	5224
137		Private	Dirt	Open Cut	5224
137		Private	Dirt	Open Cut	5224
138		Private	Dirt	Open Cut	5224
138		Private	Dirt	Open Cut	5224
139		Private	Dirt	Open Cut	5224
140		Private	Dirt	Open Cut	5224
140		Private	Dirt	Open Cut	5224
141		Private	Dirt	Open Cut	5224
142		Private	Dirt	Open Cut	5225
142		Private	Dirt	Open Cut	5225
142		Private	Dirt	Open Cut	5225
143		Private	Dirt	Open Cut	5225
144		Private	Dirt	Open Cut	5225
145		Sweetwater Co 23	Dirt	Bore	5225
145		Private	Dirt	Open Cut	5225
146		Private	Dirt	Open Cut	5225
147	Carbon	Private	Dirt	Open Cut	5226
149		Private	Dirt	Open Cut	5226
149		Private	Dirt	Open Cut	5226
150		Private	Dirt	Open Cut	5226
151		Carbon County 31	Dirt	Bore	5226
151		Private	Dirt	Open Cut	5226
152		Private	Dirt	Open Cut	5226



Public and Private Access Roads proposed for use on the Overland Pass Piceance Basin Lateral Pipeline Project.

MP at	Access Road Number	Road Name	Class	Existing Surface	Map Sheet Number	Approximate Road Width	Length (ft)	Impacts Resulting from Proposed Widening to 12' Min (ac)
0.25	RB-1	Access Road	Class B	Dirt	5200	16	3032	
0.52	RB-2	County Road 5	County	Paved	5200	20	74322	
0.62	RB-3	Access Road	Class B	Dirt	5200	20	6658	
3.25	RB-4	County Road 76	County	Dirt	5200	20	9473	
5.06	RB-5	County Road 3A	County	Gravel	5200	26	28410	
5.15	RB-6	Access Road	Class C	Dirt	5200	25	285	
6.06	RB-7	Access Road	Class C	Dirt	5201	10	5061	0.23
10.88	RB-8	Access Road	Class C	Dirt	5201	10	10257	0.47
12.25	RB-9	County Road 22	County	Dirt	5202	16	29955	
12.84	RB-10	Access Road	Class C	Dirt	5202	12	11464	
13.95	RB-11	County Road 127	County	Dirt	5202	21	8426	
16.06	RB-12	Access Road	Class C	Dirt	5202	12	2316	
16.36	RB-13	Access Road 2-track	Class C	Dirt	5202	12	1411	
16.40	RB-14	Access Road 2-track	Class C	Dirt	5202	12	742	
16.47	RB-15	County Road 127	County	Gravel	5202	12	6581	
16.52	RB-16	Access Road 2-track	Class C	Dirt	5202	8	393	0.04
16.67	RB-17	Access Road 2-track	Class C	Dirt	5202	8	1228	0.11
17.12	RB-18	Access Road	Class C	Dirt	5202	8	172	0.02
17.24	RB-19	Access Road	Class C	Dirt	5202	8	81	0.01
20.10	RB-20	State Highway 64	State	Paved	5203	30	22056	
23.48	RB-21	Access Road 2-track	Class B	Dirt	5203	12	17185	0.00
24.80	RB-22	Access Road	Class B	Dirt	5204	10	8920	0.41
24.88	RB-23	Access Road	Class C	Dirt	5204	10	431	0.02
26.83	RB-24	Access Road	Class B	Dirt	5204	16	3092	
27.91	RB-25	Access Road 2-track	Class C	Dirt	5204	12	6508	0.00
29.00	RB-26	Access Road 2-track	Class C	Dirt	5204	10	7562	0.35
32.03	RB-27	Access Road	Class C	Dirt	5205	12	5412	0.00
32.94	RB-28	Access Road	Class C	Dirt	5205	13	6223	
33.67	RB-29	Access Road	Class C	Dirt	5205	10	8197	0.38
34.09	RB-30	Access Road	Class C	Dirt	5205	10	5821	0.27



36.18	MO-1	Access Road	Class C	Dirt	5206	10	3582	0.16
39.96	MO-2	Access Road	Class C	Dirt	5206	17	2862	
41.29	MO-3	Keystone Ranch Road	Class C	Dirt	5207	24	799	
43.30	MO-4	County Road 23	County	Gravel	5207	40	281	
44.44	MO-5	Access Road	Class C	Dirt	5207	12	623	0.00
46.34	MO-6	Access Road	Class C	Dirt	5208	18	137	
46.40	MO-7	County Road 57	County	Paved	5208	25	31151	
49.23	MO-8	Access Road	Class C	Dirt	5208	18	179	
49.35	MO-9	Access Road	Class C	Dirt	5208	30	209	
49.55	MO-10	Access Road	Class C	Dirt	5208	16	167	
49.78	MO-11	County Road 57	County	Paved	5208	25	12998	
52.20	MO-12	County Road 59S	County	Dirt	5208	25	693	
53.07	MO-13	Access Road	Class C	Dirt	5209	10	2213	0.10
53.21	MO-14	Access Road	Class C	Dirt	5209	10	10411	0.48
56.99	MO-15	Access Road	Class C	Dirt	5209	8	3315	0.30
59.12	MO-16	Access Road	State	Dirt	5210	43	146372	
59.61	MO-17	Access Road 2-track	Class C	Dirt	5210	11	41135	0.94
60.71	MO-18	Access Road	Class C	Dirt	5210	12	21694	0.00
64.97	MO-19	Access Road	Class C	Dirt	5211	10	3104	0.14
67.59	MO-20	Access Road 2-track	Class C	Dirt	5211	16	857	
67.82	MO-21	Access Road 2-track	Class C	Dirt	5211	16	5188	
68.85	MO-22	Access Road 2-track	Class C	Dirt	5212	16	14963	
69.94	MO-23	Access Road 2-track	Class C	Dirt	5212	16	8822	
71.65	MO-24	County Road 8	County	Gravel	5212	37	10507	
74.11	MO-25	County Road 8	County	Gravel	5213	22	49105	
74.20	MO-26	County Road 44	County	Gravel	5213	34	44831	
74.58	MO-27	Access Road	Class C	Dirt	5213	10	599	0.03
75.13	MO-28	Access Road	Class C	Dirt	5213	10	290	0.01
75.52	MO-29	County Road 50	County	Gravel	5213	23	11688	
76.18	MO-30	Access Road	Class C	Dirt	5213	10	777	0.04
77.23	MO-31	Access Road	Class C	Dirt	5213	10	145	0.01
81.47	MO-32	Access Road	Class C	Dirt	5214	20	10403	
82.33	MO-33	County Road 42	County	Gravel	5214	20	4432	
82.92	MO-34	County Road 42	County	Gravel	5214	18	3600	
83.88	MO-35	Access Road	Class C	Dirt	5214	12	1899	0.00
84.69	MO-36	Access Road	Class C	Dirt	5215	12	1610	0.00



85.53	MO-37	County Road 7	County	Paved	5215	36	45133	
87.24	MO-38	Access Road 2-track	Class C	Dirt	5215	12	9310	0.00
89.08	MO-39	Access Road 2-track	Class C	Dirt	5215	21	2300	
89.12	MO-40	Access Road	Class C	Paved	5215	12	2364	0.00
90.64	MO-41	Access Road	Class C	Dirt	5215	10	1365	0.06
91.90	MO-42	Access Road 2-track	Class C	Dirt	5216	6	588	0.08
92.86	MO-43	County Road 4	County	Paved	5216	22	99064	
93.57	MO-44	Access Road	Class C	Dirt	5216	10	5138	0.24
94.61	MO-45	Access Road	Class C	Dirt	5216	12	12913	0.00
95.15	SW-1	Access Road	Class B	Dirt	5216	8	2195	0.20
96.74	SW-2	Access Road	Class B	Dirt	5217	22	6357	
98.00	SW-3	Cherokee Trail Road	Class B	Dirt	5217	8	6610	0.61
99.90	SW-4	Cherokee Trail Road	Class B	Dirt	5217	20	124120	
100.60	SW-5	Shell Creek Stock Trail	Class B	Dirt	5217	17	2898	
102.05	SW-6	Access Road	Class B	Dirt	5218	17	365	
102.96	SW-7	Access Road	Class B	Dirt	5218	22	22319	
104.04	SW-8	Access Road	Class B	Dirt	5218	22	30598	
106.73	SW-9	Access Road	Class C	Dirt	5218	14	49988	
107.50	SW-10	Access Road	Class C	Dirt	5219	21	45194	
107.63	SW-11	Access Road	Class C	Dirt	5219	12	44071	
107.89	SW-12	Access Road	Class C	Dirt	5219	12	40362	
108.87	SW-13	Access Road	Class C	Dirt	5219	12	27143	
109.89	SW-14	Access Road	Class C	Dirt	5219	12	5554	
110.40	SW-15	Access Road	Class C	Dirt	5219	20	30242	
111.02	SW-16	Access Road	Class C	Dirt	5219	20	27001	
111.73	SW-17	Access Road	Class C	Dirt	5219	19	23145	
112.43	SW-18	Access Road	Class C	Dirt	5219	20	19310	
114.46	SW-19	Access Road	Class C	Dirt	5220	20	8212	
114.92	SW-20	Access Road	Class C	Dirt	5220	18	889	
		Barrell Springs County						
116.39	SW-21	Road	County	Gravel	5220	17	72285	
119.06	SW-22	Windmill Draw Road	Class A	Dirt	5221	16	11495	
124.61	SW-23	Access Road	Class B	Dirt	5222	21	17833	
127.14	SW-24	Eureka Springs Road	Class B	Gravel	5222	20	33367	
127.16	SW-25	Access Road	Class C	Dirt	5222	19	27260	
128.32	SW-26	Access Road	Class C	Dirt	5222	8	2435	



130.37	SW-27	Access Road	Class C	Dirt	5223	18	8413	
130.95	SW-28	Access Road	Class C	Dirt	5223	18	3926	
		Barrell Springs County						
131.68	SW-29	Road	County	Gravel	5223	20	45504	
132.85	SW-30	Access Road	Class C	Dirt	5223	20	4295	
135.54	SW-31	Access Road	Class B	Dirt	5223	17	3257	
136.15	SW-32	Access Road	Class C	Dirt	5224	15	2873	
136.58	SW-33	Access Road	Class C	Dirt	5224	17	1793	
137.77	SW-34	Access Road	Class C	Dirt	5224	23	36559	
138.09	SW-35	Access Road	Class C	Dirt	5224	21	417	
138.58	SW-36	Access Road	Class C	Dirt	5224	16	256	
139.07	SW-37	Access Road	Class C	Dirt	5224	16	259	
139.59	SW-38	Access Road	Class C	Dirt	5224	15	258	
140.22	SW-39	Access Road	Class B	Gravel	5224	25	8348	
140.68	SW-40	Access Road	Class C	Dirt	5224	18	3115	
141.89	SW-41	Access Road	Class B	Dirt	5225	25	1568	
142.42	SW-42	Access Road	Class C	Dirt	5225	24	1129	
142.46	SW-43	Power Line Road	Class C	Dirt	5225	16	268	
143.06	SW-44	Access Road	Class C	Dirt	5225	19	2102	
143.22	SW-45	Access Road	Class C	Dirt	5225	18	1121	
143.31	SW-46	Power Line Road	Class C	Dirt	5225	16	9049	
144.01	SW-47	Access Road	Class C	Dirt	5225	58	54	
144.85	SW-48	Access Road	Class C	Dirt	5225	13	81	
145.04	SW-49	County Road 23	County	Gravel	5225	20	124874	
147.11	CB-1	Access Road	Class C	Dirt	5226	19	46	
147.95	CB-2	Access Road	Class B	Dirt	5226	29	52	
148.45	CB-3	Access Road	Class B	Dirt	5226	21	51	
149.36	CB-4	Access Road	Class B	Dirt	5226	13	79	
150.03	CB-5	Access Road	Class C	Dirt	5226	19	48	
150.70	CB-6	Access Road	Class B	Dirt	5226	16	44	
151.54	CB-7	Access Road	Class B	Dirt	5226	19	51	
152.01	CB-8	Access Road	Class B	Dirt	5226	20	1461	
152.19	CB-9	Access Road	Class B	Dirt	5226	20	2385	





















































































